CLAIM AMENDMENTS

1. (Original) A method of correlating text and imagery, comprising the steps of:

specifying a target concept;

providing textual material and imagery;

training a text search detector to examine the textual material for text regions which relate to the target concept, and creating a text target detection record in a database A in the event of a match or other meaningful association;

training a discriminating feature detector to search for locations within the imagery which relate to the target concept, and creating a location target detection record in a database B in the event of a match or other meaningful association; and

comparing the records in both databases to declare an approximate correlation, if any, indicative of a common target concept.

2. (Original) The method of claim 1, wherein the target concept is an event or object.

3. (Original) The method of claim 1, wherein the discriminating features within the imagery include infrared, multispectral or spatial features.

4. (Currently Amended) The method of claim 1, wherein ~~Wherein~~ the step of training the text search detector includes the steps of:

a) defining a search phrase;

b) testing the phrase against a validation set, and

c) repeating a) and b) until all relevant targets in the validation set are detected.

5. (Original) The method of claim 1, wherein the examination of the textual material includes searching the text regions for geographic location text associated with the target concept.

6. (Original) The method of claim 1, further including the step of generating a concept identifier

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C. 280 N. OLD WOODWARD AVENUE, STE. 400, BIRMINGHAM, MICHIGAN 48009-5394 (248) 647-6000

code in both the text and image target detection records using a lookup table in the event of a match or other meaningful association.

7. (Original) The method of claim 6, wherein the searching of the test regions is accomplished by reference to a Gazeteer of place names and their corresponding lat-long locations.

8. (Original) The method of claim 7, wherein the text target detection record contains:

a text document ID number,

an index to locate a paragraph or passage within the document,

the target concept identifier code (CIC), and

the latitude-longitude (LL) value.

9. (Original) The method of claim 6, wherein the search for locations within the imagery includes extracting a lat-long location.

10. (Original) The method of claim 9, wherein the location target detection record contains:

an image ID number,

an index to locate the target within the image,

the target concept identifier code (CIC), and

the latitude-longitude (LL) value.

11. (Original) The method of claim 1, wherein the target within the image is in the form of a pixel index.

12. (Original) The method of claim 10, wherein:

the searching of the test regions is accomplished by reference to a Gazeteer of place names and their corresponding lat-long locations; and

the text target detection record contains:

a text document ID number,

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C. 280 N. OLD WOODWARD AVENUE, STE. 400, BIRMINGHAM, MICHIGAN 48009-5394 (248) 647-6000

an index to locate a paragraph or passage within the document,

the target concept identifier code (CIC), and

the latitude-longitude (LL) value.

13. (Original) The method of claim 1, wherein criteria for declaring an approximate correlation between two the records, A and B, includes:

IF CIC in record A = CIC in record B,

THEN record A and record B are associated.

14. (Original) The method of claim 13 [[14]], wherein the criteria for declaring an approximate correlation between two the records, A and B, further includes:

IF (LL) in record A is within S of (LL) in record B,

THEN Record A and Record B are associated,

where S is a user-selectable spatial distance.

15. (Original) The method of claim 1, wherein the event may be characterized as an emergency, tragedy, disaster or crisis.

16. (Original) The method of claim 1, wherein the object involves an environmental asset, structure, or mode of transportation.

17. (Original) The method of claim 1, wherein either or both of the steps associated with examining the textual material or searching for locations within the imagery are carried out in a batch mode or as part of a recursive flow.

18. (Original) A text and imagery spatial correlator, comprising:

a document text parsing and interpretation engine which uses a context-based search to generate topical information;

an imagery engine operative to associate the components of an image with known spatial

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C. 280 N. OLD WOODWARD AVENUE, STE. 400, BIRMINGHAM, MICHIGAN 48009-5394 (248) 647-6000

features and generate location information; and

a matching subsystem operative to associate the topical information with the location information and present a result to a user.

19. (Original) The text and imagery spatial correlator of claim 18, wherein text parsing and interpretation engine includes a user-trainable agent to define the context of interest in a current search.

20. (Original) The text and imagery spatial correlator of claim 18, wherein the topical information concerns an event or an object.

21. (Original) The text and imagery spatial correlator of claim 20, wherein the event may be characterized as an emergency, tragedy, disaster or crisis.

22. (Original) The text and imagery spatial correlator of claim 20, wherein the object involves an environmental asset, structure or mode of transportation.

23. (Original) The text and imagery spatial correlator of claim 18, wherein the matching subsystem is operative to associate the topical information with the location information in a batch mode or as part of a recursive flow.